

Cosent

TO: John Bohunsky  
FROM: John Cosens  
SUBJECT: Brown Corporation Permit Development  
DATE: December 16, 1975

Brown Corporation has approximately 30 acres. The plant site is located on a higher portion of the ground and the remainder is swampy area. It is not a swamp in which pools of water stand throughout the season, but one which is boggy and would be a flood plain on the Grand River except that an abandoned railroad grade acts as a barrier between their disposal area and the Grand River.

There is a point on the east side of the swamp about 1/2 mile from the plant where water can drain from the swamp under the railroad grade to the Grand River. Storm drainage from other areas in Ionia also drain to this swamp. During flood, stage the Grand River, I suspect, would cover a major portion of the swamp. Waste from this plant has been going to the swamp for a number of years and we have not been able to identify any contaminants reaching the Grand River.

Since isolation is good, we feel the waste is absorbed into the ground. This probably results in less contamination reaching the Grand than if a connection were made to the Ionia City Sewer System.

The Company produces metal stampings for the automotive industry and has about 38,000 gallons per day of process and cooling water. About 75 percent is cooling and 25 percent is process wastewater. Sanitary waste is connected to the Ionia City Sewer System. Their process waste is generated from a bonderite overflow tank. Clean water is used for arc welders and compressor cooling units. They also have a paint spray booth operation, but it is a closed recycle system.

JC:ew

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